

Energy Nag Reminder Phun Phacts and Physics

Just a quick note from the Nag asking you, in preparation for the weekend, to:

- shut off all office equipment (preferably via your power strip)
- turn off hallway lights
- make sure coffee pots, copiers, and printers (network printers included, if possible) are shut off
- make sure bathroom lights are off, if you are amongst the last to leave.

The Energy Nag has prepared a statistical analysis of Bldg.810 use BEFORE and AFTER the Nag reminders started coming out. We have made a huge difference, but we probably can do better. For example, did you know:

- Bldg. 810 uses 400,000 kw-hrs of electricity each month in the summer? That's over 400,000 kg of CO2 dumped into the atmosphere (200 metric tons) \$22,000 of electricity each MONTH for our building alone! Yikes!
- It costs about \$300 per building resident each month to heat, light, cool, and run office equipment?
- EACH of us uses (proportionately) more electricity than 5 (yes FIVE) Albuquerque households each month. Yikes again!
- Bldg. 810, despite being one of the more modern buildings at Sandia is amongst the highest in terms of kw-hrs/person/month being used (yeah, I know, we have lots of common space -- like meeting rooms and auditoriums -- that other buildings don't have, but still...)

But, the good news is that with very minimal squealing and no perceptible pain, we've cut back by about 20,000 kw-hrs per month (on average) since last year when the Energy Nag started nagging ($p = .06$ statistical t-test). Not bad, but there is much more nagging yet to come.

Thanks to all for helping to conserve the environs just a little bit --

The Energy Nag